

light linearly polarized in the direction orthogonal to the transmission axis;

a reflection-type polarizing film provided outside said first substrate for reflecting light linearly polarized in the direction orthogonal to the transmission axis;

a light absorbing member provided outside the reflection-type polarizing film; and

a light diffusion layer provided on the outside surface of said absorption-type polarizing film,

wherein said retardation film has relations of  $n_x > n_z > n_y$ , where  $n_x$  is the refractive index in the direction of the phase delay axis,  $n_y$  is the refractive index in the Y-axis direction, and  $n_z$  is the refractive index in the thickness direction, and

wherein said reflection-type polarizing film is disposed in such a manner that the transmission axis thereof is in a direction orthogonal to or parallel with a direction of polarization of a light compensated to be a substantially linearly polarized light during passage through said absorption-type polarizing film, said retardation film, and said super twisted nematic liquid crystal cell in a state with no voltage applied.

2. (Amended) A liquid crystal display device, comprising:

a super twisted nematic liquid crystal cell in which nematic liquid crystal having a twist angle in the range from  $180^\circ$  to  $270^\circ$  is filled and sandwiched between a transparent first substrate having a first electrode and a transparent second substrate having a second electrode;

a twisted retardation film provided outside said second substrate;

an absorption-type polarizing film provided outside the twisted retardation film for

absorbing light linearly polarized in the direction orthogonal to the transmission axis;

a reflection-type polarizing film provided outside said first substrate for reflecting light linearly polarized in the direction orthogonal to the transmission axis; and

a light absorbing member provided outside the reflection-type polarizing film, and

wherein said reflection-type polarizing film is disposed in such a manner that the transmission axis thereof is in a direction orthogonal to or parallel with a direction of polarization of a light compensated to be a substantially linearly polarized light during passage through said absorption-type polarizing film, said twisted retardation film, and said super twisted nematic liquid crystal cell in a state with no voltage applied.

17. (Amended) A liquid crystal display device, comprising:

a super twisted nematic liquid crystal cell in which nematic liquid crystal having a twist angle in the range from  $180^\circ$  to  $270^\circ$  is filled and sandwiched between a transparent first substrate having a first electrode and a transparent second substrate having a second electrode;

a retardation film provided outside said second substrate;

an absorption-type polarizing film provided outside the retardation film for absorbing light linearly polarized in the direction orthogonal to the transmission axis;

a reflection-type polarizing film provided outside said first substrate for reflecting light linearly polarized in the direction orthogonal to the transmission axis; and

a color filter as a light absorbing member provided outside the reflection-type polarizing film,

wherein said retardation film has relations of  $n_x > n_z > n_y$ , where  $n_x$  is the refractive index in the direction of the phase delay axis,  $n_y$  is the refractive index in the Y-axis direction, and  $n_z$  is the refractive index in the thickness direction, and

wherein said reflection-type polarizing film is disposed in such a manner that the transmission axis thereof is in a direction orthogonal to or parallel with a direction of polarization of a light compensated to be a substantially linearly polarized light during passage through said absorption-type polarizing film, said retardation film, and said super twisted nematic liquid crystal cell in a state with no voltage applied.

18. (Amended) A liquid crystal display device, comprising:

a super twisted nematic liquid crystal cell in which nematic liquid crystal having a twist angle in the range from  $180^\circ$  to  $270^\circ$  is filled and sandwiched between a transparent first substrate having a first electrode and a transparent second substrate having a second electrode;

a retardation film provided outside said second substrate;

an absorption-type polarizing film provided outside the retardation film for absorbing light linearly polarized in the direction orthogonal to the transmission axis;


a reflection-type polarizing film provided outside said first substrate for reflecting light linearly polarized in the direction orthogonal to the transmission axis; and

a solar cell as a light absorbing member provided outside the reflection-type polarizing film,

wherein said retardation film has relations of  $n_x > n_z > n_y$ , where  $n_x$  is the refractive

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index in the direction of the phase delay axis,  $n_y$  is the refractive index in the Y-axis direction, and  $n_z$  is the refractive index in the thickness direction, and



wherein said reflection-type polarizing film is disposed in such a manner that the transmission axis thereof is in a direction orthogonal to or parallel with a direction of polarization of a light compensated to be a substantially linearly polarized light during passage through said absorption-type polarizing film, said retardation film, and said super twisted nematic liquid crystal cell in a state with no voltage applied.

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